

HLine Observations

Stephen Arbogast, 2026-02-05

Antenna – KrackenRF Discovery Dish

Feed – KrackenRF HLine Feed

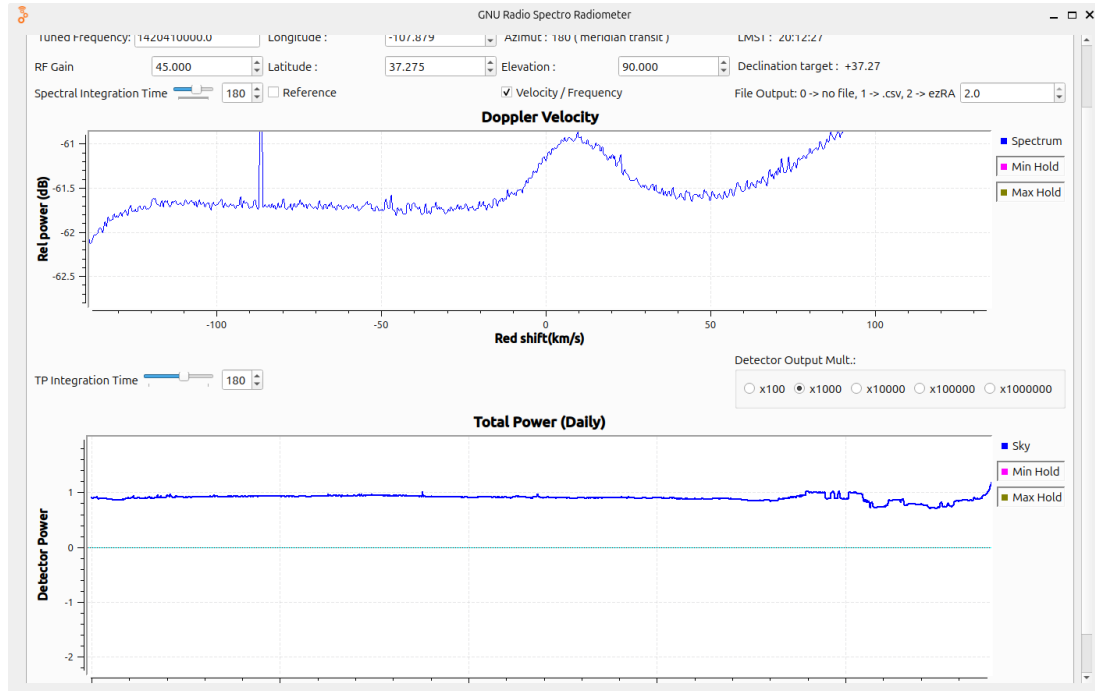
Collection Software – GNU Radio Spectro Radiometer (mods by me)

Analysis Software - ezRA

Command

```
python3 ../../../../ezRABase/TCTest260107a/ezCon260107a.py -ezConInputdB 1  
data/ezRA20260205_37.27.txt \  
-ezConAntXInput 4 -ezConAntXTFreqBinsFracL 0 1 -ezConUseVlsr 1 -  
ezConAntXTVTFreqBinsFracL 0 1 \  
-ezConRawFreqBinHideL 683 694 \  
-ezConAntXTVTClipL 1.3 999
```

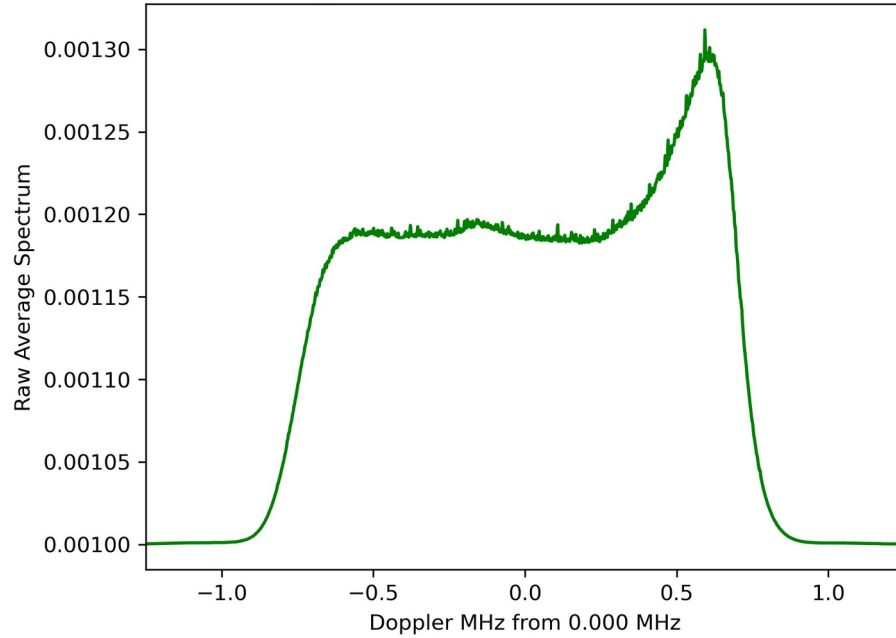
GNU Radio Spectro Radiometer 24 hour drift scan



ezRA20260205_37.27.txt

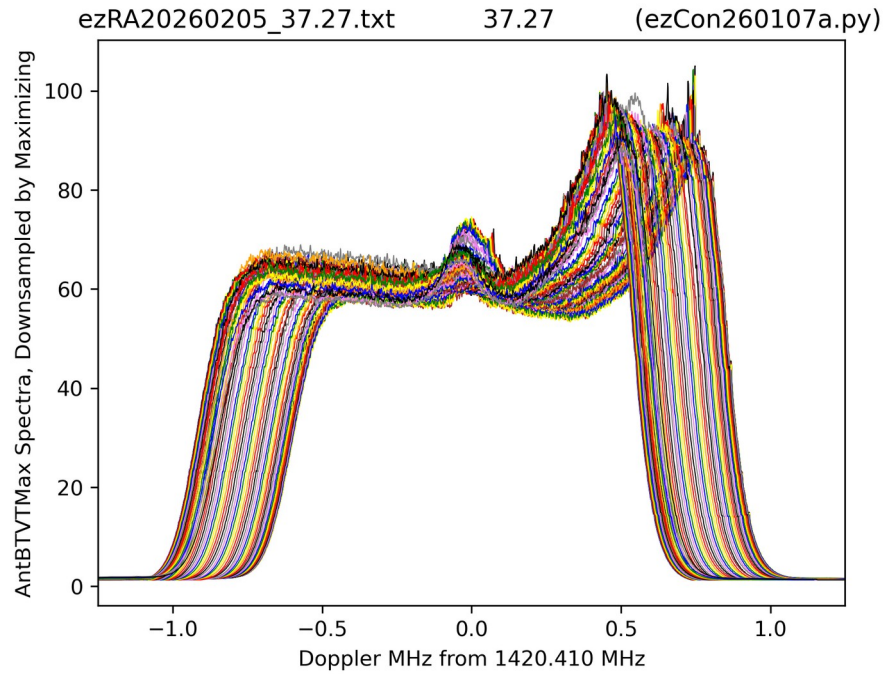
37.27

(ezCon260107a.py)



ezCon301ArawByFreqAvg.png

Only part of the 24 hour drift scan



ezCon388antBTVTByFreqAvgAll.png
Only part of the 24 hour drift scan